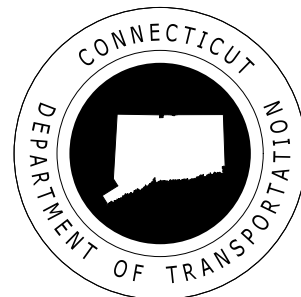


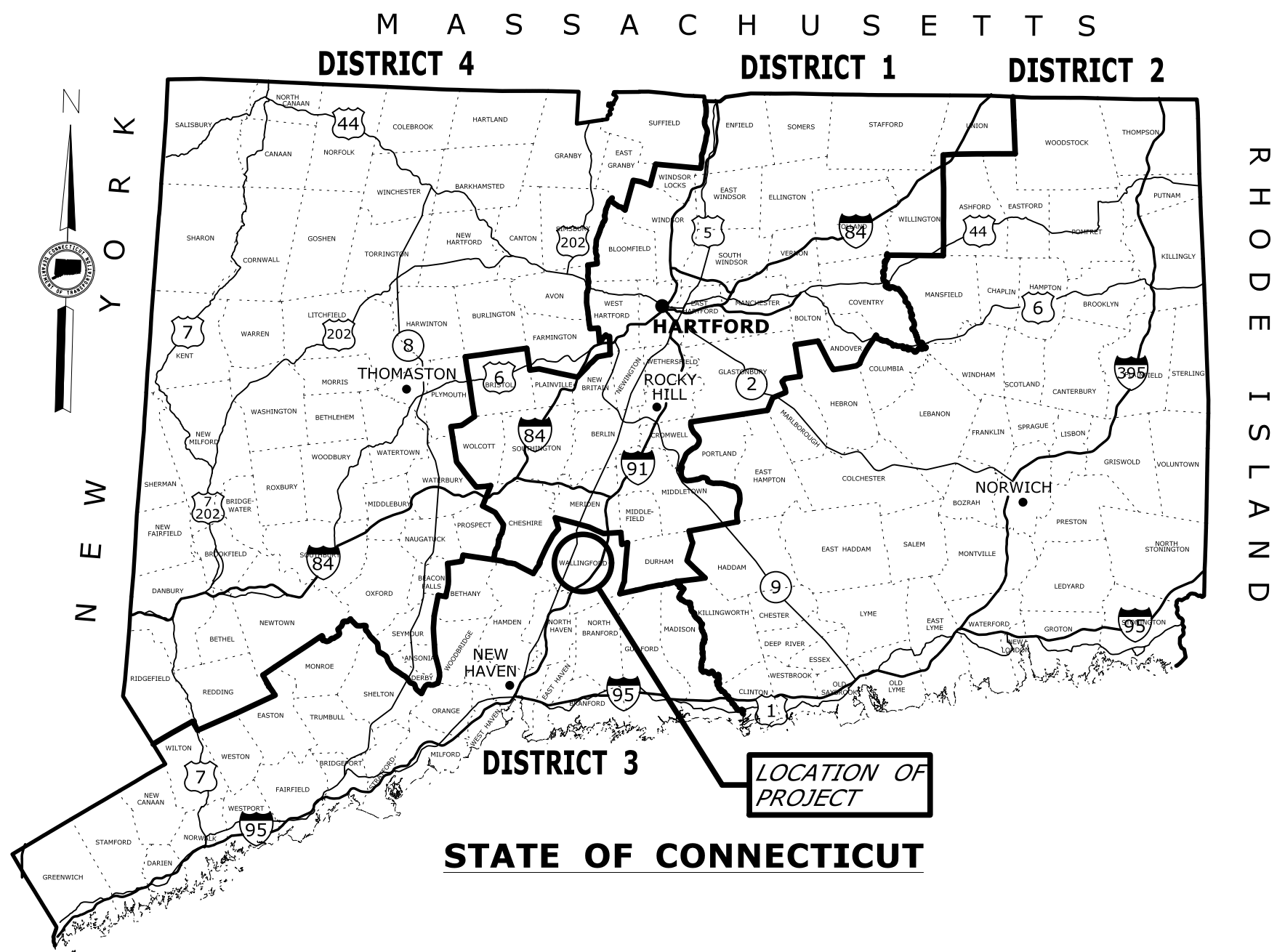
CONNECTICUT DEPARTMENT OF TRANSPORTATION



Plans For NEW HAVEN - HARTFORD - SPRINGFIELD RAIL CORRIDOR PROJECT

Town(s)/City of
WALLINGFORD

STATION PLANS



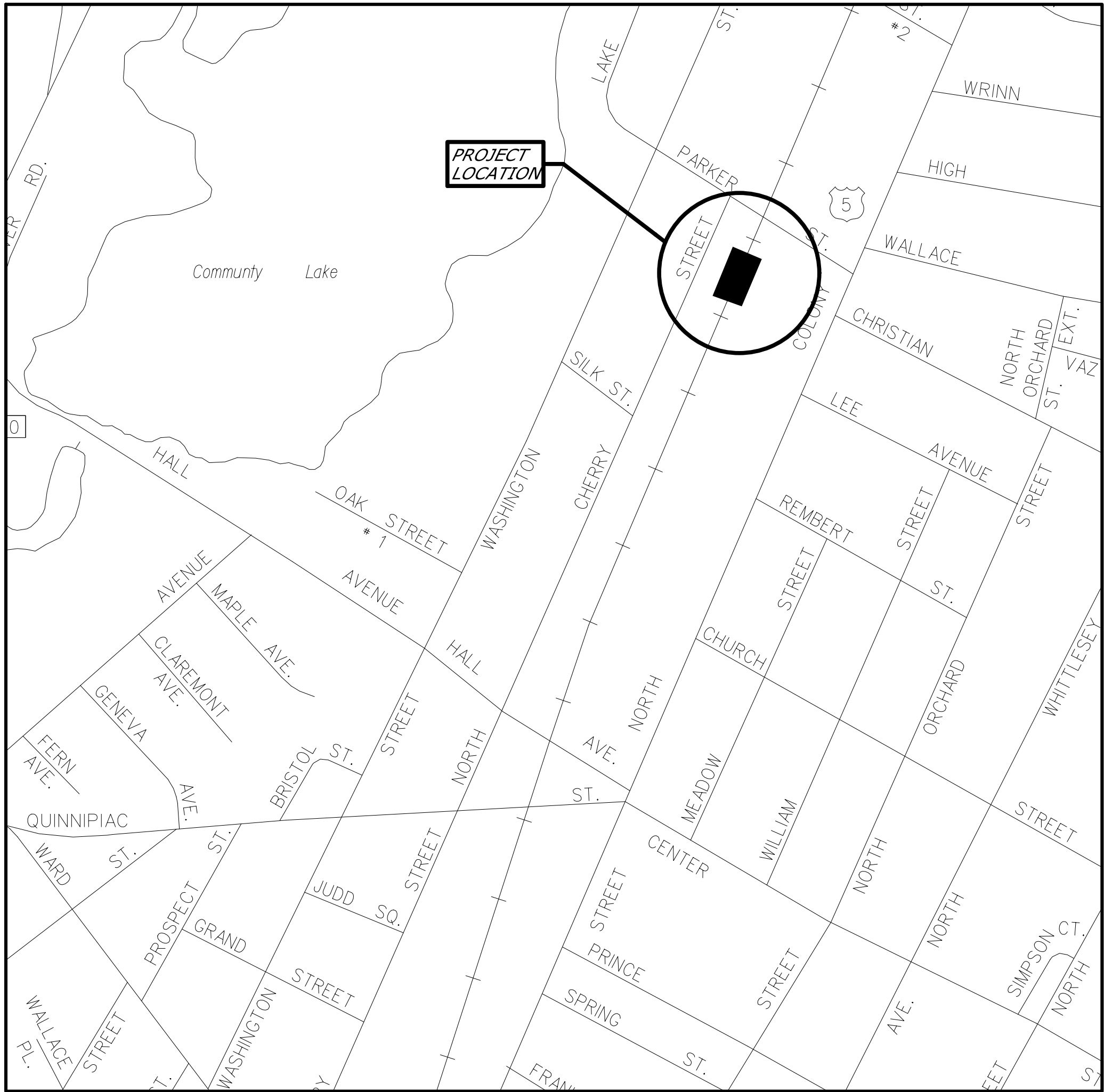
GENERAL NOTES:

1. FEDERAL AID PROJECT NO. FR-HSR-0125-12-01-00
2. CONSTRUCTION SPECIFICATIONS:
CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS
FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, DATED 2004;
SUPPLEMENTAL SPECIFICATIONS, DATED JULY 2013; AND SPECIAL PROVISIONS
3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE
SYSTEM SYSTEM N.A.D. 1983/2007
4. VERTICAL DATUM BASED ON NAVD 1988

DISCLAIMER

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED
PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS
FROM OFFICIAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION
AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND
MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL,
INCOMPLETE AND/OR INACCURATE INFORMATION.



LOCATION PLAN

NOT TO SCALE

VOLUME 04 LIST OF SUBSETS

VOLUME & SUBSET NO.	SUBSET TITLE	*SUBSET SHEET COUNT
04.01	GENERAL	2
04.03	CIVIL	31
04.04	SIGNING AND PAVEMENT MARKING PLAN	8
04.06	SITE ILLUMINATION	6
04.11	ARCHITECTURAL	110
04.12	STRUCTURAL	61
04.13	BUILDING SYSTEMS	99
04.15	LANDSCAPE	5
04.16	ENVIRONMENTAL	5
04.18	GEOTECHNICAL	5
04.24	RIGHT-OF-WAY	3

* THE INITIAL SUBSET
SHEET COUNT DOES
NOT INCLUDE ADDENDUMS
AND CHANGE ORDERS

SUBSET 01 - GENERAL LIST OF DRAWINGS

DRAWING TITLE	DRAWING NO.
TITLE SHEET	TSH-001
GENERAL	GEN-001

STANDARD CONVENTIONS			
North Arrow W/No. Coord.	Grid Arrow	Chain Link Fence	Riprap
Edge Of Road	Limit Of Marsh	Rustic Fence	Hedge Row
Concrete Pavement	Stone Wall	Pipe Fence	Tree Line
Dirt Road	Ledge Outcrop	Board Fence	Shrub
B.C.L.C.	Inland Wetland Limits	Water Edge	Evergreen Tree
Granite Curb	STATE LINE	Stream	Deciduous Tree
Guide Rail	Power Line	Ditch	Retaining Wall
Concrete Median Barrier	Swamp	TOWN LINE	Highway Line
Bit. Walk	Building		Street Line
Conc. Sidewalk	Transmission Tower		Property Line
Railroad Tracks			Lot Line
			Easement Line

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS
NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE
BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

DESIGNED BY:

Baker
MICHAEL BAKER
ENGINEERING, INC.
500 ENTERPRISE DRIVE
SUITE 2B
ROCKY HILL, CT 06067

Plans For
NEW HAVEN - HARTFORD
SPRINGFIELD
RAIL CORRIDOR

Town(s)/City
WALLINGFORD

STATE PROJECT NO.

0170-3155

DRAWING NO.

TSH-001

SHEET NO.

04.01.001

GENERAL

1. ANY ON-SITE CONTRACTOR TRAILERS OR LAY DOWN AREAS MUST BE APPROVED BY THE ENGINEER.
2. ACCESS TO DRIVEWAYS AND LOADING ZONES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL INSTALL TEMPORARY SEDIMENTATION AND EROSION CONTROL DEVICES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. FOR ADDITIONAL INFORMATION, REFER TO SEDIMENTATION AND EROSION CONTROL NOTES.
4. THE CONTRACTOR SHALL BE AWARE THAT ALL EXCAVATED MATERIAL, INCLUDING RAILROAD TIES WILL REQUIRE PROPER HANDLING. FOR ADDITIONAL INFORMATION, REFER TO THE SPECIAL PROVISIONS.
5. ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO START OF MANUFACTURING AND CONSTRUCTION, AND NECESSARY ADJUSTMENTS WILL BE ADDRESSED IN ACCORDANCE WITH THE "NOTICE TO CONTRACTOR - VERIFICATION OF PLAN DIMENSIONS AND FIELD MEASUREMENTS".
6. THE INFORMATION SHOWN ON THESE PLANS IS BASED ON LIMITED INVESTIGATIONS AND IS NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OF WORK REQUIRED.
7. LOCATIONS OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES HAVE BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR IS MADE AWARE THAT ALL UTILITIES AND UNDERGROUND STRUCTURES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THE ACTUAL LOCATION OF ALL UTILITIES AND FOR UTILITY COORDINATION. AS SUCH, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 FOR THE MARKOUT OF EXISTING UTILITIES AT LEAST TWO (2) FULL BUSINESS DAYS (48 HOURS) IN ADVANCE OF ANY WORK. THE CONTRACTOR IS HEREBY MADE AWARE THAT AMTRAK DOES NOT PARTICIPATE IN THE "CALL BEFORE YOU DIG" SYSTEM AND, THEREFORE, THE CONTRACTOR MUST CONTACT, AND WORK DIRECTLY WITH, AMTRAK ENGINEERING TO IDENTIFY AND LOCATE ALL OF AMTRAK'S BURIED UTILITIES. THESE FACILITIES WILL NOT BE LOCATED OR PROTECTED BY THE "CALL BEFORE YOU DIG" SYSTEM. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AND AMTRAK ENGINEERING AS NECESSARY THROUGHOUT THE DURATION OF THE PROJECT.
8. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING ALL OVERHEAD AND UNDERGROUND UTILITIES THROUGHOUT THE ENTIRE PROJECT, INCLUDING ALL PHASES OF CONSTRUCTION, EXCAVATION, TRENCHING AND/OR BORING ACTIVITIES. UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE AFFECTED UTILITY COMPANY. THE COST OF REPAIR WORK TO UTILITIES THAT ARE VISIBLE OR HAVE BEEN PROPERLY MARKED OUT VIA THE "CALL BEFORE YOU DIG" SYSTEM SHALL BE BORNE SOLELY BY THE CONTRACTOR.

SITE GRADING

THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING, OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

1. PROVISION SHALL BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
2. EXCAVATIONS SHALL NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTling, OR CRACKING.
3. NO FILL OR STOCKPILE SHALL BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER PROPERTY OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATERBODIES.
4. PRIOR TO ANY EARTHWORK, AN ANTI-TRACKING PAD SHALL BE PLACED AT THE EXIT FROM THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

PERMITTING REQUIREMENTS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE EROSION CONTROL PLAN AND ANY ADDITIONAL REQUIREMENTS (INCLUDING INSPECTION AND CERTIFICATION) IMPOSED BY THE U.S. EPA NPDES PERMIT AND ANY OTHER LOCAL, STATE OR FEDERAL REGULATIONS INCLUDING STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION GENERAL PERMIT DEP-PED-GP-015, "GENERAL PERMIT FOR THE DISCHARGE OF STORM WATER AND DEWATERING WASTEWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES".
2. IF ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED DURING OR AFTER CONSTRUCTION, AS DETERMINED BY THE ENGINEER, OR OTHER AUTHORITIES, THE CONTRACTOR SHALL TAKE SUCH ADDITIONAL MEASURES AS THEY MAY DIRECT.
3. EACH CONTRACTOR AND SUBCONTRACTOR PERFORMING WORK ON THIS SITE SHALL BE REQUIRED TO CERTIFY THAT THEY HAVE READ AND UNDERSTAND THE TERMS OF CONNECTICUT DEP GENERAL PERMIT DEP-PED-GP-015.

FLOOD CONTINGENCY

THE CONTRACTOR IS BOUND BY THE CONDITIONS SET FORTH IN CTDOT'S "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION" FORM 816 (2004). SPECIFICALLY, SECTION 1.10 - ENVIRONMENTAL COMPLIANCE, ADDRESSES THE NEED FOR THE CONTRACTOR TO MAINTAIN A STABLE WORK AREA AND TO COORDINATE WITH NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WEATHER SERVICE FOR INFORMATION PERTAINING TO STORMS. THESE PROVISIONS ARE FULLY DESCRIBED UNDER ITEMS 9 AND 10 OF THE "BEST MANAGEMENT PRACTICES".

SEDIMENTATION AND EROSION CONTROL MEASURES




1. EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE CONNECTICUT DOT SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816, 2004 WITH LATEST SUPPLEMENT SPECIFICATIONS, 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, DEP BULLETIN 34, AND THE PROJECT SPECIFICATIONS.
2. THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.
3. IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSES, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON SITE.

DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES, NOT NOTED FOR DEMOLITION/REMOVAL, WITHIN THE LIMIT OF WORK INCLUDING STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
2. MAINTAIN EXISTING UTILITIES TO REMAIN, PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
3. UTILITY LINES AND ABANDONED ELECTRIC TRANSFORMERS NOT SPECIFICALLY NOTED BUT WHICH ARE ENCOUNTERED IN THE WORK SHALL BE CAPPED, EXTENDED, PROTECTED, REMOVED OR REWORKED AS DIRECTED.
4. FURNISH, ERECT AND MAINTAIN ALL TEMPORARY BARRICADES, FENCES, COVERINGS, ENCLOSURES, SIGNS AND LIGHTING AS MAY BE REQUIRED TO CARRY ON DEMOLITION WORK IN A SAFE AND LEGAL MANNER.
5. PLACE EROSION CONTROLS PRIOR TO DEMOLITION. MAINTAIN EROSION CONTROLS THROUGHOUT DURATION OF THE PROJECT.
6. THE LIMIT OF DEMOLITION SHALL BE THE PROPERTY LINE WHERE IT IS NOT CALLED OUT ON THE PLAN.
7. THE USE OF EXPLOSIVES, FOR DEMOLITION PURPOSES, WILL NOT BE ALLOWED.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY UTILITY LOCATIONS IN THE FIELD. CONTACT "CALL BEFORE YOU DIG" TWO (2) FULL BUSINESS DAYS (48 HOURS) IN ADVANCE.
9. TREES SHALL BE REMOVED IN A MANNER TO ENSURE AGAINST ANY RE-GROWTH. TREES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING ALL OPERATIONS.
10. ALL MATERIAL IS TO BE DISPOSED OF AT A SAFE, APPROVED LOCATION OFF SITE.
11. "STRUCTURES" MEANS ALL ABOVE AND BELOW GRADE COMPONENTS OF THE EXISTING BUILDINGS INCLUDING BUT NOT LIMITED TO FOOTINGS, FOUNDATIONS, FOUNDATION WALLS, UNDERGROUND PIPING, EQUIPMENT, SUPPORTS, STAIRS, STOOPS, ETC.
12. DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST WHICH MAY CAUSE OFF SITE DAMAGE, BE A HEALTH HAZARD TO HUMANS, WILDLIFE AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY.
13. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS TO PROTECT THE PUBLIC WHILE DEMOLITION WORK IS BEING PERFORMED.
14. CONTRACTOR SHALL HAUL AND DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES, STATUTES, AND ENVIRONMENTAL REGULATIONS AND OBTAIN THE REQUIRED PERMITS. ANY PERMITS REQUIRED SHALL BE PAID FOR BY THE CONTRACTOR AND SHALL BE CONSIDERED TO BE INCIDENTAL TO THE ITEM "DISPOSAL OF BUILDINGS".
15. ADJOINING STREETS AND PROPERTIES SHALL BE KEPT FREE OF DEBRIS RESULTING FROM THE DEMOLITION AND SHALL BE BROOM AND/OR WATER CLEANED AS DIRECTED BY THE ENGINEER.
16. HOURS OF OPERATION TO BE AS PER LOCAL ORDINANCE. CONTRACTOR TO VERIFY PRIOR TO STARTING ON SITE OPERATIONS.
17. ALL EROSION CONTROL SHALL BE LOCATED OUTSIDE OF ANY WETLAND LIMITS.
18. THE DEMOLITION PLAN IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION AND FOR COORDINATING THE PROPOSED CONSTRUCTION WITH THE DEMOLITION OF THOSE ITEMS THAT MAY BE IN INTERFERENCE.
19. THE ENGINEER AND ITS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIAL, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, POLYCHLORINATED BIPHENYL (PCB), DIOXIN, ACID OR ALKALI CHEMICALS, LEAD PAINT, AIR POLLUTANTS, WATER POLLUTANTS, UNDERGROUND STORAGE TANKS OR OTHER DELETERIOUS MATERIALS. ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE THEREOF OR EXPOSURE THERETO AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER AND ITS CONSULTANTS FROM ANY CLAIM MADE IN CONNECTION THEREWITH. MOREOVER, ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATION OF ANY TYPE WITH REGARD TO ANY CONTRACT OR AMENDMENT THERETO INVOLVING THE ISSUE OF PRESENCE, DISCOVERY, REMOVAL OR ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS SUBSTANCES.
20. DISTURBANCE TO ADJACENT PARCELS FOR INTER PARCEL CONNECTION SHALL BE KEPT TO THE MINIMAL EXTENT POSSIBLE. DISTURBED AREAS SHALL BE CONSTRUCTED OR RESTORED AS SOON AS POSSIBLE. THE CONSTRUCTION SCHEDULE SHALL BE COORDINATED WITH THE MANAGER OF ADJACENT OWNERS / TENANTS.

ABBREVIATIONS

CB	CATCHBASIN
CB DG	CATCHBASIN DOUBLE GRATE
MH	MANHOLE
MH SS	MANHOLE SANITARY SEWER
COG	CLEAN OUT TO GRADE
HDS	HYDRODYNAMIC SEPARATOR
RD	ROOF DRAIN

-	-	-	-	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	DESIGNER/DRAFTER: D. PEKAROVIC CHECKED BY: A SARDILLI	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	 Baker Michael Baker Engineering Inc. 500 Enterprise Drive Suite 2B Rocky Hill, CT 06067 	PROJECT TITLE: NEW HAVEN - HARTFORD SPRINGFIELD RAIL CORRIDOR	TOWN: WALLINGFORD	PROJECT NO. 170-3315
-	-	-	-						DRAWING TITLE: GENERAL NOTES, LEGENDS AND ABBREVIATIONS	DRAWINGS NO. GEN-001
REV.	DATE	REVISION	DESCRIPTION	SHEET NO.	Plotted Date: 1/29/2014	Filename: ...\\FA_CGR_CPS-0170-2296.148...07_GEC...GENERAL NOTES_001.dgn				SHEET NO. 04.01.002